



Shanghai Wenlida Technology Co. Ltd.

Add: NO.2439 Gaoshi road, Jiading District, Shanghai, China



APF

NO.	TECHNICAL REQUIREMENTS		TECHNICAL SPECIFICATIONS					
1	BASIC PARAMETERS	PRODUCT NAME	active power filter					
2		MODEL	30A	50A	75A	100A	150A	200A
3		OPERATING VOLTAGE	Options are available according to customer needs. 1. 400V (-20% to +20%) 2. 220V (-15% to +15%) 3. 690V (-30% to +15%), only available in 100A specifications					
4		OPERATING FREQUENCY	50/60Hz \pm 5Hz					
5		WIRING METHOD	Options can be chosen according to customer needs. 1. 3-phase 3-wire system 2. 3-phase 4-wire system					
6		CURRENT SAMPLING	5A (CT:100/5~ 10000/5)					
7		SAMPLING CURRENT POSITION	Options can be chosen according to customer needs. 1. Load side 2. Grid side					
8		TOPOLOGY CIRCUIT	three-level					
9		NUMBER OF PARALLELED UNITS	Up to 12 units					
10		SWITCH OPERATING FREQUENCY	21.6KHz					

Tel: +86-21-31160606



Shanghai Wenlida Technology Co. Ltd.

Add: NO.2439 Gaoshi road, Jiading District, Shanghai, China

11		COOLING METHOD	Smart Air Cooling
12	TECHNICAL PERFORMANCE	FILTER RANGE	2nd to 50th
13		SELECT THE NUMBER OF FILTERING ITERATIONS	Settings: Any number within the range of 2nd to 50th can be selected.
14		SINGLE FILTERING SETTING	Adjustable: Any number from the 2nd to the 50th can be set.
15		OVERALL FILTERING CAPABILITY	THDi (Total Harmonic Distortion) <5%
16		THREE-PHASE UNBALANCE PROTECTION	support
17		OVERLOAD PROTECTION	support
18		INSTANTANEOUS RESPONSE TIME	< 50μs
19		TOTAL REPOSE TIME	< 10ms
20		NOISE	< 65dB
21		PROTECTION FUNCTION	Through system self-diagnosis, it features overvoltage protection, undervoltage protection, frequency abnormality protection, overtemperature protection, overcurrent protection, short circuit protection, phase loss protection, DC bus overvoltage protection, DC bus undervoltage protection, IGBT fault protection, inverter bridge reverse protection, etc.
22	COMMUNICATION MONITORING	EXTENDED FEATURES	10-channel TSC interface (compatible with TSC/TSF integrated operation)
23		COMMUNICATION INTERFACE	RS485 network port



Shanghai Wenlida Technology Co. Ltd.

Add: NO.2439 Gaoshi road, Jiading District, Shanghai, China

24		COMMUNICATION PROTOCOL	Options are available according to customer needs. 1. Electricity Master Protocol 2. Modbus Protocol 3. TCP/IP
25		DISPLAY INTERFACE	Touch screen (4.3/7 inches)
26		DISPLAY INFORMATION	1. Voltage
27			2. Electric current
28			3. Power
29			4. Harmonic wave
30			5. Other grid parameters
31		MONITOR	It can be selected according to customer needs. 1. Each module is independently monitored 2. Centralized monitoring of each module
32		FAULT ALARM	Up to 500 alarm messages can be recorded
33	USAGE ENVIRONMENT	AMBIENT TEMPERATURE	Range: -20°C~+45°C
34		STORAGE TEMPERATURE	Range: -40°C~+65°C
35		RELATIVE HUMIDITY	Up to 95% maximum, no condensation
36		ALTITUDE	Below 1500m. If exceeded, the power will decrease by 1% for every additional 100m.
37		ENCLOSURE LEVEL	IP20 (regular) It can be customized to meet higher protection levels according to customer needs.
38		INSTALLATION METHOD	Options are available according to customer needs: 1. Wall-mounted (module) 2. Rack-mounted (module) 3. Full-cabinet (complete machine)
39		WIRING METHOD	Styles can be selected according to customer needs. 1. Lower inlet line 2. Upper inlet line
40	PACKAGING		plywood packaging